

CLAIMS

1. A method of screening a drug having a cell growth-inhibiting effect, a neovascularization-inhibiting effect, a cancer cell metastasis activity-inhibiting effect, a neuroprotective effect, an anti-allergic effect, an anti-arteriosclerotic effect and/or a Creutzfelds-Jakob disease infection-inhibiting effect, which comprises a step of qualitatively or quantitatively determining the degree 10 of binding of a test compound to a 67 kDa laminin receptor, and, when the test compound binds to the 67 kDa laminin receptor from the test data, then judging that the test compound is a drug having a cell growth-inhibiting effect, a neovascularization-inhibiting effect, a cancer cell 15 metastasis activity-inhibiting effect, a neuroprotective effect, an anti-allergic effect, an anti-arteriosclerotic effect and/or a Creutzfelds-Jakob disease infection-inhibiting effect.

20 2. The screening method as claimed in claim 1, wherein the drug has a cell growth-inhibiting effect, a neovascularization-inhibiting effect and/or a cancer cell metastasis activity-inhibiting effect.

25 3. A drug obtainable according to the screening method of claim 1 or 2.

4. The drug as claimed in any of claims 1 to 3,
wherein the active ingredient is a compound having a
galloyl group.

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5. The drug as claimed in claim 4, wherein the
compound is a catechin.

6. The drug as claimed in claim 5, wherein the
10 catechin is epigallocatechin gallate.

7. The drug as claimed in any of claims 3 to 6,
which is used for a disease capable of being prevented
and/or treated owing to the cell growth-inhibiting effect,
15 the neovascularization-inhibiting effect, the cancer cell
metastasis activity-inhibiting effect, the neuroprotective
effect, the anti-allergic effect, the anti-arteriosclerotic
effect and/or the Creutzfelds-Jakob disease infection-
inhibiting effect thereof.

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8. The drug as claimed in any of claims 3 to 6,
which is used for a disease capable of being prevented
and/or treated owing to the cell growth-inhibiting effect,
the neovascularization-inhibiting effect and/or the cancer
25 cell metastasis activity-inhibiting effect thereof.

9. The drug as claimed in claim 8, wherein the disease is cancer.

10. A method for producing a pharmaceutical 5 composition, which comprises a step of producing the drug of any of claims 3 to 9 by chemical synthesis, and a step of adding a pharmaceutically-acceptable carrier thereto.

11. A pharmaceutical composition obtainable 10 according to the production method of claim 10.

12. A screening method for a drug, which comprises a step of qualitatively or quantitatively determining the degree of binding of a compound having a galloyl group and 15 a test compound to a 67 kDa laminin receptor, and, when the degree of binding of the test compound to the 67 kDa laminin receptor is higher than that of binding of the compound having a galloyl group to the 67 kDa laminin receptor from the test data, then judging that the test 20 compound is a drug having the same pharmacological effect as that of the compound having a galloyl group.

13. A screening method for a drug, which comprises a step of making competition between the binding of a 25 compound having a galloyl group to a 67 kDa laminin receptor and the binding of a test compound to the 67 kDa

laminin receptor, and as a result of the competition, when
the site at which the test compound has bound with the 67
kDa laminin receptor is the same as the site at which the
compound having a galloyl group has bound with the 67 kDa
5 laminin receptor, then judging that the test compound is a
drug having the same pharmacological effect as that of the
compound having a galloyl group.

14. The screening method as claimed in claim 12 or
10 13, wherein the pharmacological effect of the compound
having a galloyl group is a cell growth-inhibiting effect,
a neovascularization-inhibiting effect, a cancer cell
metastasis activity-inhibiting effect, a neuroprotective
effect, an anti-allergic effect, an anti-arteriosclerotic
15 effect and/or a Creutzfelds-Jakob disease infection-
inhibiting effect.

15. The screening method as claimed in claim 12 or
13, wherein the pharmacological effect of the compound
20 having a galloyl group is a cell growth-inhibiting effect,
a neovascularization-inhibiting effect and/or a cancer cell
metastasis activity-inhibiting effect.

16. The screening method as claimed in any of
25 claims 12 to 15, wherein the compound is a catechin.

17. The screening method as claimed in any of claims 12 to 15, wherein the catechin is epigallocatechin gallate.

5 18. A drug obtainable according to the screening method of any of claims 12 to 17.

10 19. The drug as claimed in claim 18, which is used for a disease capable of being prevented and/or treated owing to the cell growth-inhibiting effect, the neovascularization-inhibiting effect, the cancer cell metastasis activity-inhibiting effect, the neuroprotective effect, the anti-allergic effect, the anti-arteriosclerotic effect and/or the Creutzfelds-Jakob disease infection-inhibiting effect thereof.

20 20. The drug as claimed in claim 18 or 19, which is used for a disease capable of being prevented and/or treated owing to the cell growth-inhibiting effect, the neovascularization-inhibiting effect and/or the cancer cell metastasis activity-inhibiting effect thereof.

21. The drug as claimed in claim 20, wherein the disease is cancer.

22. A method for producing a pharmaceutical composition, which comprises a step of producing the drug of any of claims 18 to 21 by chemical synthesis, and a step of adding a pharmaceutically-acceptable carrier thereto.

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23. A pharmaceutical composition obtainable according to the production method of claim 22.

24. A compound capable of binding to a 67 kDa laminin receptor at a site thereof that is the same as the site at which a compound having a galloyl group binds to the 67 kDa laminin receptor.

25. The compound as claimed in claim 24, which is a catechin.

26. The compound as claimed in claim 25, wherein the catechin is epigallocatechin gallate.

27. A cell growth inhibitor containing the compound of any of claims 24 to 26.

28. A neovascularization inhibitor containing the compound of any of claims 24 to 26.

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29. A cancer cell metastasis activity inhibitor
containing the compound of any of claims 24 to 26.

30. An anticancer agent inhibitor containing the
5 compound of any of claims 24 to 26.